Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO

GDIF 90

MADOC TOWNSHIP

HASTINGS COUNTY

Compiled by the Staff of
the Resident Geologist's Office,
Tweed

LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 31C/11, 31C/12, 31C/5, 31C/6

Mining Claim Map Number 120

This project was funded by the Mining Sector Work Program under the sponsorship of Barrie Township.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey.
1984: Madoc Township, Hastings County; Ontario Geological Survey Geological Data Inventory Folio 90, compiled by the staff of the Resident Geologist's office, Tweed, 40 pages and 2 maps.

Original Compilation by: Bill Grant, March 7th, 1983.

Date	Page Revised	Revised by
Apr/84	Inclusive	D.H.

Date	Page Revised	Revised by

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 17
Drill Hole Summary 20
Airborne Geophysical Survey Data 24
Geochemical Survey Data 25
Miscellaneous Data 26
Newspaper Clipping File 27
ODM General Index Search 28
Selected References 38
Notes and Addenda 40

ACCOMPANYING MAPS

Property Location Map - 1 map
Exploration Data Map - 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm²	0.155 0	square inches	1 square inch	**6.451 6**	cm²
1 m²	10.763 9	square feet	1 square foot	**0.092 903 04**	m²
1 km²	0.386 10	square miles	1 square mile	2.589 988	km²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm³	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm³
1 m³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m³
1 m³	1.308 0	cubic yards	1 cubic yard	0.764 555	m³
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.P.
2	Assessment Files Research Office, Toronto	Yes	R.P.
3	ODM General Index; 7 volumes	Yes	R.P.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	R.P.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	R.P.
6	ODM Industrial Mineral Reports	Yes	R.P.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	N.A.	R.P.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	N.A.	R.P.
9	Newspaper Clippings File	No	R.P.
10	GSC Index to Publications	Yes	R.P.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.P.
12	OGS Index Maps	Yes	R.P.
13	Source Mineral Deposit Records (O.G.S.)	Yes	R.P.
14	Author - Subject Articles File	No	R.P.
15	Miscellaneous Papers: ODM & OGS	No	R.P.
16	ODM Geological Circulars: OGS Study Series	Yes	R.P.
17	ODM Preliminary Reports: ODM Bulletins	Yes	R.P.
18	ODM – OGS Open File Reports	Yes	R.P.
19	OGS Northern Ontario Engineering Geology Terrain Studies	N.A.	R.P.
20	OGS Aggregate Resources Inventory Papers	Yes	R.P.
21	OGS Mineral Potential Maps	Yes	R.P.
22	Aerial Photographs on file, Tweed	Yes	R.P.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
▲ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
▲ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
▲ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
▲ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
▲ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
▲ dol . . . . . Dolomite
▲ ep. . . . . Epidote
▲ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
▲ fl . . . . . .Fluorite (fluorspar)
△ fu. . . . . .Fuchsite
▲ gn. . . . . Galena
△ gt. . . . . Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
▲ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
▲ hem . . . . . Hematite
△ il . . . . . Ilmenite
▲ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
▲ Pb . . . . . Lead
▲ lim . . . . . Limonite
△ Li. . . . . Lithium
▲ mgst . . . . . .Magnesite
▲ mag . . . . . Magnetite
▲ mc . . . . . Malachite
△ Mn . . . . . Manganese
▲ mb. . . . . .Marble
▲ mar. . . . . Marcasite
▲ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . .Millerite
△ mo. . . . . .Molybdenite
▲ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
▲ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . .Shale
▲ sid . . . . . Siderite
△ si . . . . . .Silica
▲ Ag . . . . . .Silver
▲ sl . . . . . Slate
▲ sm . . . . . .Smaltite
△ sod. . . . . .Sodalite
△ spec . . . . . Specularite
▲ sp. . . . . .Sphalerite
△ spd. . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
▲ st . . . . . .Stone
▲ talc. . . . . .Talc
△ Te . . . . . .Tellurium
▲ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
▲ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
▲ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
▲ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
▲ Zn . . . . . .Zinc
△ zr. . . . . Zircon

▲act. . . . . .Actinolite
▲cer. . . . . .Cerrusite
▲chl. . . . . .Chlorite
▲gyp. . . . . .Gypsum
▲hb. . . . . .Hornblende
▲jr. . . . . .Jarosite
▲ls. . . . . .Limestone
▲mar. . . . . .Martite
▲trem. . . . . .Tremolite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MADOC TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Bailey Mine (Millwood Fluorspar Mines Ltd.) Lot 1, Con. IV	fl,ba, calc,mar, td		ODM 1964,IMR 12, pp 22,26,27,28.	OGS 1968, Map 2154 OGS 1968,GR 73, pp 19-20 NMI File 31C/6, FSP 3 Wilson,M.E. 1929, Geol.Survey of Can.,Econ.Geol.Ser.#6 GSC Paper 69-50 Satterly, J.1945, Millwood Fluorspar Mines,Unpubl. Insp.Rept.,ODM 18 Oct.1945
B	Bankers Lake (Dominion Iron Mine) Lot 2, Con. II	mag, Co,py ery,ep,asp mar,sm		OGS 1968,MRC 10,p31 OGS 1968,MRC 11,p. 159	OGS 1968, Map 2154 OGS 1968, GR 73, p.1 GSC 1958,Bulletin 45,pp.17-18 GSC Paper 69-50 NMI File 31C/5, Fe 1 GSC Paper 69-45, 1970 Miller&Knight,PE Geology of South Eastern Ont. OBM Vol. 22,Pt.2,pp 107-108, 1914
C	Bannockburn Gold Lot 28, Con. V	Au,py,mc hb ,dol		OGS 1979,MDC 18, p.34	OGS 1968,GR 73,pp.1-73 NMI 31C/12, Au 15 GSC Paper 69-50 GSC Memoir 192, 1936 OGS 1943, AR Vol.52,Pt.3,p.32 OGS 1895, AR Vol.5,pp.264-265 OGS 1968, Map 2154

(continued)

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
D	Bannockburn Pyrite (Mundic) (Jarman) Lot 25, Con. VI	py, mag, halotrichite, copiapite, coquimbite		OGS 1967, MRC 5, pp. 9 - 10	OGS 1968, Map 2154 OGS 1968, GR 73, pp.25-26 NMI File 31C/12, pyr 2 GSC Paper 69-50, p.112 Wilson, 1912, Pyrites in Canada, Canada Mines Br. Rept. 167 Mines Br. Mem.Series No. 118, 1952
E	Blakely Pyrite (Queensborough) Lot 11, Con. XI	py,sp ,cp, jr		OGS 1967,MRC 5,p.12	OGS 1968, Map 2154 OGS 1968, GR 73, p.27 NMI File, 31C/11, pyr 6 GSC Paper 69-50, p.100 Wilson, 1912, p.68 OBM Ann.Rept.1916,Vol.25,PT.1 pp. 194-197 Carter, Colvine, Summary of Field Work, 1979, OGS Misc. Paper 90, pp.200-201 Miller, Knight,P.E. Geology of S.E.Ont. OBM Ann.Rept., Vol.22,PT.2,1912,pp.100-101 Carter, Summary of Field Work, 1980,OGS Misc. Paper 96,p169
F	Brennan Mine Lot 7, Con. VI (continued)	hem	File # 001058 1975	OGS 1968,MRC11,p157	OGS 1968, Map 2154 OGS 1968, GR 73, p.23 AFRO 1953,Madoc Twp.DMR 10 OBM, 1902, p.262 Mines Br.Rept.217,Vol.2, 1917

GDIF FORM NO. 1

MADOC TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
G	Cameron Mine Lot 9, Con. VI	mag	File # 001058 1975	OGS 1968,MRC 11, p.158	OGS 1968, Map 2154 OGS 1968, GR 73, pp. 1-3 ODM 1967, OFR 5000, p.38 Mines Br. Rept.217,Vol.2,1917
H	Canadian Sulphur Ore (Wellington) Lot 9, Con. X	py,cp ,po, gyp, jr		OGS,MRC 5,p.11	OGS 1968, Map 2154 OGS 1968, GR 73, p.26 GSC Paper 69-50, p.100 NMI File 31C/11, pyr 7 Mines Br.Rept.677, 1927 Carter, Summary of Field Work, 1980 OGS Misc. Paper 96, p.169 OBM,Vol.25,Pt. 1,pp.128,197-198, 1916 Wilson, Pyrites in Canada, Mines Br. Rept.#167,pp.68-69, 1912 Miller & Knight, P.E.Geology of SE Ont.,OBM Ann.Rept.,Vol. 22, Pt.2,pp.97-101, 1914
I	Cook Mine Lot 15, Con. V	hem,mag, calc	File # 001057	OGS 1968,MRC 11, p.158	OGS 1968, Map 2154 OGS 1968, GR 73, p.23 ODM 1967, OFR 5000, p.34 OGS 1899, AR.Vol.8,PT.1,p.31 Mines Br.Rept.217,Vol.2,1917 Geol.Surv.Can,Ann.Rept.X,p117 G. M. Dawson, 1897
J	Cross Mine	ery			
	(continued)				

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
K	Davis Prospect Lot 10, Con. IX	py			OGS 1968, Map 2154 OGS 1968, GR 73, p.26 NMI File 31C/11, pyr 8 Mines Br.Memoir Series #118, 1952 Wilson, 1912, Pyrite in Can., Can. Mines Br.Rept.167,p.69
L	Dufferin Mine Lot 18, Con. I	mag, Sb py , hem,		OGS 1968,MRC11,p.159	OGS 1968, Map 2154 OGS 1968, GR 73, p.22 NMI File 31C/12, Fe 4 ODM 1967, OFR 5000, p.31 1882 Rept.Comm. Crown Lands
M	Eldorado Copper Lot 17, 18, Con. V (Coe Iron Mine) (Moore Mine)	cp ,cc,Au, Ag,py,Ni, Co,mag, hem, mar	File # 00947	OGS 1969,MRC 12,pp. 138-139 OGS 1968,MRC 11,p160	OGS 1968, Map 2154 OGS 1968, GR 73, pp.21-22 NMI File 31C/12, Cu 3 GSC Bulletin 45,pp.60-62 GSC Paper 69-50, p.110 GSC Paper 69-45, 1970 GSC Bulletin 45, 1953 G.C.Hoffman, 1889,GeolSur.Can. Ann.Rept. IV, p.34 R.A.A.Johnston,1915,Geol.Suv. Can. Mem. 74, p.89
	(continued)				

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
N	Eldorado Talc Mine Lot 20, 21, Con. IV, V	talc,gf		OGS 1972,IMR 40, pp.35-36	OGS 1968, GR 73, p.29 OGS 1968, Map 2154 GSC Paper 69-50 GSC Bulletin 115, 1846-1955 Wilson 1926, p.73 GSC Paper 69-45, 1970 IGC Guidebook#6,1913,p.56 Mines Br.Rept.346,1914,p.58 Mines Br.Rept.384,1914,p.302 Mines Br.Rept.426,1915,p.304 Mines Br.Rept.474,1917,p.282 Mines Br.Rept.583,1922,p.31
O	Empire Lot 1, Con. VI	Au,Ag,mb, st - granite		OGS 1979,MDC18,p.43	OGS 1968, Map 2154 OGS 1968, GR 73 GSC 1936, Mem. 192, p.117 Rept.Comm.Crown Lands 1870 GSC Rept.Prog.1863-66
P	Farrel Mine Lot 9, Con. VII	py		OGS 1967,MRC 5,p.10	OGS 1968, Map 2154 OGS 1968, GR 73, p.26 NMI File 31C/11, pyr 9 Mines Br.Mem.Series #118,1952 Wilson,1912,Pyrites in Canada, Can. Mines Br. Rept. 167
Q	Forty-Nine Acre Mine (Sidmag) (Bruce C. Robson) Lot 10, Con. VI	mag, hem, sid		OGS 1968,MRC11,p.163	OGS 1968, Map 2154 OGS 1968, GR 73, pp.23-24
R	Fox Lot 1 , Con. V (E½)	Au		OGS 1979,MDC 18,p.43	OGS 1968, Map 2154 OGS 1968, GR 73 NMI 31C/12,DEMR 070120 GSC 1936, Memoir 192, p.117

(continued)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
S	Fox Corners Lot 20, Con. VI	mb	File # 01183	OGS 1964,IMR 13,p.15 OGS 1964,IMR 16, PT. 3,pp.42-43	OGS 1968,GR 73, pp.3-4 OGS 1968, Map 2154
T1	Grenville Aggregate Specialties Limited (Hastings) (Stoklosar) Lot 9, Con. IV	ls		OGS,1964,IMR 13,p.14 OGS,1964,IMR 16,PT3, pp.31,35,36	OGS 1968, Map 2154 OGS 1968, GR 73, pp.24-25
T2	Grenville Aggregate Specialties Limited (Stoklosar) Lot 22, Con. IV	mb			OGS 1968, Map 2154 OGS 1968, GR 73
T3	Grenville Aggregate Specialties Ltd.(Grenville III) Lot 3, Con. V	mb	File # 01176	OGS 1964,IMR 13,p.15 OGS 1964,IMR 16,PT.3 pp. 37-38	OGS 1968, Map 2154 OGS 1968, GR 73 pp.3-4, 24-25
T4	Grenville Aggregate Specialties Ltd. (Grenville II) Lot 4, Con. V.	mb	File # 01181	OGS 1964,IMR 13,p.14 OGS 1964,IMR 16,PT.3 pp. 38-39	OGS 1968, Map 2154 OGS 1968, GR 73, pp.3-4,24-25
T5	Grenville Aggregate Specialties Ltd. Lot 20, 21, Con. V	mb			OGS 1968, Map 2154 OGS 1968, GR 73, 1968
T6	Grenville Aggregate Specialties Ltd. Lot 9, Con. VI	mb		OGS 1964,IMR 16,Pt.3, pp. 31, 40	OGS 1968, Map 2154 OGS 1968, GR 73, p.24-25
T7	Grenville Aggregate Specialties Ltd. (Grenville I) Lot 19, Con. VI	mb	File # 01191	OGS 1964,IMR 13,p.14 OGS 1964, IMR 16, PT. 3, p.42	OGS 1968, Map 2154 OGS 1968, GR 73,pp.3-4,24-25
T8	Grenville Aggregate Specialties Ltd. (Grenville IV East) Lot 2, Con. VIII	mb	File # 01185	OGS 1964,IMR 13,p.14 OGS 1964,IMR 16, PT. 3, p.45	OGS 1968, Map 2154 OGS 1968, GR 73, pp.3-4,24-25

(continued)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
T9	Grenville Aggregate Specialties Limited Lot 15, Con. VIII	mb	File # 01190	OGS 1964, IMR 13,p14 OGS 1964,IMR 16, PT.3,pp.46-47	OGS 1968, Map 2154 OGS 1968, GR 73,pp.3-4,24-25
T10	Grenville Aggregate Specialties Limited Grenville IV (West) Lot 2, Con. IX	mb	File # 01188	OGS 1964,IMR13,p.14 OGS 1964,IMR16,PT.3, p. 48	OGS 1968, Map 2154 OGS 1968, GR 73, pp.3-4
U	Hill Lot 1, Con. V	fl,calc, ba		OGS 1964,IMR 12, pp.22,26,31 Fluorspar in Ont.	OGS 1968, Map 2154 OGS 1968, GR 73,pp.19-20 Wilson,M.E. 1929,Geol.Surv. Can. Econ.Geol.Se.No.6, pp.67-68
V	Hobson, Knob, Nelson Lot 18-19, Con. I-II	sp ,hem, mag,lim, po		OGS 1968,MRC 11, p.160	OGS 1968, Map 2154 OGS 1968, GR 73, p. 1 NMI File 31C/12, Fe 5 GSC Paper 69-50, p.111 GSC 1958,Bulletin 45,pp.40,42 Rept.Comm.Crown Lands, 1880
W	Hunt Club Road Sulfide Showing Lot 6-7, Con. X	py			
X	Hollandia Lead Lot A, Con. VI	Ag,sp gn ,ba, calc,cer, anglesite		OGS 1969,MRC 12, p.139	OGS 1968, Map 2154 OGS 1968, GR 73, p.24 NMI 31C/12, Pb 5 OGS 1943, AR Vol.52,PT.3, pp.55-56 OGS Ann. Rept. 25,pp.23-24 GSC Paper 69-50, p. 113 GSC 1930, Econ.Geol.Series 8, pp.155-157 Jour.CMI/CIM Trans.Vol.7,1904

(continued)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Y	Jarvis Lake SW Lot 11, Con. I	mb		OGS 1964,IMR13,pp. 13-14 OGS 1964,IMR 16,PT3, pp.31,33-34	OGS 1968, Map 2154 OGS 1968, GR 73, pp.24-24
Z	Lee Junior (Philip Morris) Lot 2, Con. III (NW¼)	fl,ba, calc		OGS 1964,IMR 12, pp.22,39	OGS 1968, Map 2154 OGS 1968, GR 73, pp.19-20 NMI File 31C/5, fsp 3 Econ.Geol. No. 6, 1929 Satterly, J, 1945, Bassett Fluorspar Mines Ltd.unpublished Inspection Report ODM 18
Aa	Lee Junior Lot 2, Con. III (SW¼)	fl		OGS 1964, IMR 12, pp.22,24,39	OGS 1968, Map 2154 OGS 1968, GR 73
Ab	Lee Senior Mine Lot 1, Con. I (E½) (Wallbridge & Lee Senior)	calc, fl		OGS 1964, IMR 12, pp.22,39,52	OGS 1968, Map 2154 OGS 1968, GR 73,pp.19-20 NMI File 31C/5, FSP 2
Ac	Lewis and Company Lot 18, Con. III	hem			1882 Rept.Comm. Crown Lands
Ad	Madoc (Blackburn Quarry) Lot 1, Con. V	mb	File # 01198		OGS 1968, Map 2154 OGS 1968, GR 73 GSC Paper 69-50 DEMR/CANMET 1938,#781,pp97,109
Ae	Madoc V-4 Lot 4, Con. V	wad (bog manganese)			GSC Ann.Rept.1902-03,Vo.XV, p.168 GSC Mem. 74, 1975
Af	Madoc Creek Rhyolite Lot 8, Con. VIII	st		OGS 1964, IMR 12, pp.21, map 2053	OGS 1968, Map 2154 OGS 1968, GR 73, pp.2,28-29

(continued)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Ag	Madoc-Grenville Lot 10, Con. IV	ls		OGS 1964,IMR 13,p15 OGS 1964,IMR 16,Pt. 3, pp.31,36-37	OGS 1968, Map 2154 OGS 1968, GR 73,pp.24-25
Ah	McBeath Fluorite Vein Lot 3, Con. III (E½)	fl ,ba		OGS 1964,IMR 12, pp.12,26,39	OGS 1968, Map 2154 OGS 1968,GR73,pp.19,20 Wilson 1929, pp.46-47,71,Surv. Canadian Econ.Geol.Ser.#6
Ai	McIlroy (Detomac Mines Limited) Lot 2, Con. IV (W½)	ba,fl,calc		OGS 1964,IMR 12,p40	OGS 1968, Map 2154 OGS 1968,GR 73,pp.19-20 Mines Br.Rept.474, 1917 Butterfield, Fawcett, 1943, Potential Fluorspar Prdn. of Madoc Area, Joint Rept. to Metals Controller & Dept. Mines, Ottawa
Aj	McKinty Mine (McKenty) Lot 6, Con. VII	py, hem	File # 01051	OGS 1968,MRC11,p161	OGS 1968, Map 2154 OGS 1968, GR 73, p.24 ODM 1967,OFR 5000,p.40 OGS 1899,AR Vol.8,PT.1,p.32
Ak	Miller Mine Lot 12, Con. VI	hem	File # 01051	OGS 1968,MRC11,p162	OGS 1968, Map 2154 OGS 1968, GR 73, p.24 ODM,1967,OFR 5000,p.40 OGS 1899,AR Vol.8,PT1,p.32 1882 Royal Comm. Crown Lands
Al	Miller Mine Lot 4, Con. I (W½)	fl,calc		OGS 1964,IMR 12, pp.22,26,41	OGS 1968, Map 2154 OGS 1968, GR 73,pp.19-20 Wilson,M.E.1929, Geol.Surv.Can. Econ. Geol.Rept.#6, p.75
Am	Minnesota Minerals Lot 2, Con. V.	sl		OGS 1964,IMR 12,p21	OGS 1968, Map 2154 OGS 1968,GR 73, pp.2,28
	(continued)				

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
An	Minnesota Minerals Limited Lot 8, Con. III	st-granite			OGS 1968, Map 2154
Ao	Moira River Lot 22, Con. V.	mb		OGS 1964,IMR13,p.14 OGS 1964,IMR16,Pt3, pp.31,39	OGS 1968,GR 73,pp.2,14,28,29 OGS 1968, Map 2154 OGS 1968, GR 73,pp.24-25
Ap	Plain Lot 9, Con. I	fl,ba		OGS 1964,IMR 12, pp.22,26,47	OGS 1968, Map 2154 OGS 1968,GR 73,pp.19-20 Econ. Geol.No.6, 1929
Aq	Ponton Mine Lot 3, Con. I	fl,calc		OGS 1964,IMR 12, pp.22,26,47	OGS 1968,GR 73,pp.19-20
Ar	Queensboro Lot 10-11, Con.X,XI	ma ,py, S, Cu, Zn		OGS 1969,IMR 28,p76	OGS 1968, Map 2154 OGS 1968, Map 2154 OGS 1968,GR 73 Mines Br.Rept.167, 1912 Mines Br.Mem.Series #118, 1952
As	Reynolds Mine Lot 5, Con. I	fl,calc,ba		OGS 1964,IMR 12, pp.22,26,53	OGS 1968, Map 2154 OGS 1968, GR 73,pp.19-20 Econ. Geol. No. 6, 1929
At	Richardson Mine (Phoenix) Lot 18, Con. V (E½) (Moore Mines)	Au,U,Th,py, talc,Bann-erite,szom-olnokite		OGS 1979, MDC 18, p.44	OGS 1968, Map 2154 OGS 1968, GR 73, p.1 GSC Mem.192, 1936 GSC Paper 73-1,Part A, 1973 OGS 1936,AR Vol.45,PT.1,p.12 Can.Mineralogist,1974,Vol.12, pp.360-363 OGS 1893, AR Vol.3,pp.53-55 Jour.Can.Mining Inst.1904,Vol.7 GSC 1867,Hunt & Michel,Gold Region Royal Com.1890,Rept.Crown Lands 1867 Econ.Geol.No. 15, 1946

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Au	Rooks Mine Lot 6, Con. I	fl		OGS 1964, IMR 12, p.50	OGS 1968, Map 2154 OGS 1968, GR 73 Wilson, M.E. 1929, Geol. Sur. Can. Econ. Geol. Serial #6, p.77
Av	Sager, Earl Lot 9, Con. X	st		OGS 1964, IMR 12, p.21, map 2053	OGS 1968, GR 73, pp.2, 7, 28, 29
Aw	Seymour (Lura A. Baalim) Lot 2 , Con. V	mag, Mo, chl , act, calc, uraconite		OGS 1968, MRC 11, p.162	OGS 1968, Map 2154 OGS 1968, GR 73, p.22 GSC Paper 69-50, p.131 GSC Summary Rept. 1914 GSC 1958, Bulletin 45, p.53 IGC Guidebook No.6, 1913 GSC 1863-66, Rept. of Progress Canadian Mineralogist 1973, Vol. 12, pp.232-233 ODM 1967, OFR 5000, p.32 Rept. Comm. Crown Lands 1880 Mines Br. Rept. 184, 1913 Mines Br. Rept. 217, Vol.2, 1917 Econ. Geol. #16, 1952, p.147 GSC Ann. Rept. Vol.2, 1886 OBM 1901, DeKalb, p.129 Lindman, Magnetite Occurrences along the Central Ont. Railway, p. 12 Mines Br. Ottawa, No.184, 1913
Ax	Sophia (Diamond) Mine Lot 14,15, Con. X	py, po, asp chl		OGS 1979, MDC 18, pp.34-35	OGS 1968, Map 2154 OGS 1968, GR 73, pp 1, 21 NMI File 31C/11, Au 1 GSC 1936, Mem. 192, p.114 GSC Paper 69-50, p.101

(continued)

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Ay	St. Charles Mine Lot 4, Con. VI	hem,mag, py, mar, chl	File # 01054 1975	OGS 1968, MRC 11, p. 164	OGS 1968, Map 2154 OGS 1968, GR 73, p. 23 OGS 1901, AR Vol.10, p.128 GSC Paper 69-50, p.105 GSC Bulletin 45, 1953 ODM 1967, OFR 5000, p.35
Az	Stoklosar Marble Quarry Lot 10, Con. I	ls			OGS 1968, GR 73, pp.24-25 OGS 1968, Map 2154 GSC Paper 69-50
Ba	Stoklosar III Lot 4, Con. VI	mb		OGS 1964,IMR,13, pp.13-14 OGS 1964, GC 12,p.21, map 2053	OGS 1968, Map 2154 OGS 1968, GR 73, pp.3-4 DEMR/CANMET 1938,#781,p.97
Bb	Stoklosar I (unknown)	mb	File # 01166	OGS 1964,IMR 16, Pt. 3, p.41	DEMR/CANMET 1938,#781, pp.101-102
Bc	Stoklosar Marble Quarry Curtis Quarry Lot 9, Con. VI,VII	serp,trem, act,mag, hem,tour,			GSC Paper 69-50, p.109
Bd	Stoklosar Marble Quarry Lot 19, Con.VI	mb			
Be	Stoklosar Marble Quarry Lot 21, Con.VI	mb			
Bf	Stoklosar II Lot 22, Con. VI	mb	File # 01167	OGS 1964,IMR 13, pp.13-14 OGS 1964,IMR 16, Pt.3, pp.44-45	OGS 1968, Map 2154 OGS 1968, GR 73, pp.3-4
Bg	Stoklosar Marble Quarry Lot 12, Con. VIII (continued)	mb	File # 01169		OGS 1968, Map 2154 OGS 1968, GR 73,pp.3-4,24-25

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Bh	Stoklosar Slate Lot 5, Con. VI	sl		OGS 1964, GC 12, p.21, map 2053	OGS 1968, Map 2154 OGS 1968, GR 73, pp. 2, 28
Bi	Stone for Roofing Granules Lot 11, Con. V	st			OGS 1968, Map 2154 OGS 1968, GR 73 Mines Br. Rept. 815, 1944 Mines Br. Rept. 824, 1946 Mines Br. Rept. 830, 1949 Mines Br. Rept. 835, 1950 Mines Br. Rept. 841, 1951 Mines Br. Rept. 844, 1952 Mines Br. Rept. 851, 1953
Bj	Stewart Lot 2, Con. I (E½)	fl,ba,Cu		OGS 1964,IMR 12, pp.22,26,50	OGS 1968, Map 2154 OGS 1968, GR 73, pp.19-28 Wilson,M.E, 1929, Geol.Sur. Can., Econ. Geol.Ser.No.6, p.75
Bk	St. Joe Lot 25, Con. V	Au		OGS 1979,MDC18,p.44	OGS 1968, Map 2154 OGS 1968, GR 73, p.20
Bl	Sutton, H. H. Lot 13, Con. V	hem			
Bm	Wallbridge Lot 12, Con. V.	hem,mag,py cp ,stilp-nomelane	File # 001055 1975	OGS 1968,MRC 11, p. 164	OGS 1968, Map 2154 OGS 1968, GR 73, pp.22-23 NMI File 31C/12, Fe 4 GSC Paper 69-45, 1970 GSC Bulletin 45, 1958,pp65-66 GSC Rept. of Prog.1882-84 OGS 1901,AR Vol.10, p.129 GSC Mem. 74, 1915

(continued)

GDIF FORM NO. 1

MINERAL OCCURRENCES

	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	Walibridge and Herrington Lot 1-2, Con. I (W½) (Dominion Fluorspar Co.Ltd.)	fl,calc, ba,felsite		OGS 1964,IMR 12, p.p.22,50-53	OGS 1968, Map 2154 OGS 1968, GR 73, pp.19-20 NMI File 31C/5, Fsp 1 Tremblay, M. 1946, ODM Ann. Rept.Vol.51,PT.1, p.65 Trembly, M. 1946, ODM Ann. Rept.Vol.53,PT.1, p.69 Econ. Geol.No. 6, 1929 Mines Br. Rept. 605, 1922 GSC Paper 69-45, 1970
Bo	Wellington Lot 9, Con. X	ba, fl gn ,sp ,py		OGS 1969,MRC 12,p141	OGS 1968, Map 2154 OGS 1968, GR 73 GSC 1930, Econ.Geol.Ser.8,p161 OGS 1943, AR Vol.52,Pt.3,p.55 Mines Br. Rept. 384, 1914
Bp	Webber Lot 29, Con. VI	fl,ba,calc ls quartzite			
Bq	Lot 2, Con. III	mb ,hem, py		OGS 1972,IMR 40,p34	OGS 1968, GR 73 Wilson, 1928, p.77
Br	Lot 6, Con. VIII	talc			Rept.Comm.Crown Lands, 1867
Bs	Lot 11, Con. VI				
Bt	Lot 12, Con. VII				Rept.Comm.Crown Lands, 1867
Bu	Lot 15, Con. XI	ls ls			OGS 1968, GR 73
Bv	Lot 16, Con. V	py,Au mb			
Bw	Lot 16, Con. VI	py,mag		OGS 1969,MRC 12,p141	Rept.Comm.Crown Lands, 1867
Bx	Lot 17-18, Con. IV Lot 19, Con. VII	mb mb		OGS 1969,MRC 12,p141	GSC 1930,Econ.Geol.Ser.8,p161 OBM 1909,Vol 18,Pt 1,p135

GDIF FORM NO. 1

MACOC TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
1	Canada Prospect , Int. (Montgomery, James) AFRO file: 2.3650	81																		
2	Cumming, James D. AFRO file: 16				63															
3	Extender Minerals Can. Ltd. AFRO file: 63.3785				81															
4	Freeport Cdn. Expl. Ltd. AFRO file: 2.1254 AFRO file: 24 AFRO file: 26				73 73							73	73							
5	Hill, James Warren				75															
6	Houston Management Corp. (Houston, A. D.) AFRO file: 33				81															
7	Lang, Bert W. AFRO file: 13				56															
8	Lloyd, H. R. AFRO file: 21				65															
9	Marmoraton Mining Co. (Bethlehem Steel Corp.) AFRO file: 2.560 (continued)											70								

GOIF FORM NO. 2

18 MADOC TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	LEASE		
	(continued) AFRO file: 19 AFRO file: 2.1735				71	71														
10	Mono Gold Mines Inc. (Houston, A. D.) AFRO file: 31 AFRO file: 32				81 81															
11	Owen, Anthoney AFRO file: 20				53															
12	Penarrayo Canada Ltd. AFRO file: 63.2089		66									66								
13	Sager, Albert AFRO file: 36				83															
14	Sager, Earl AFRO file: 14 AFRO file: 15 AFRO file: 22 AFRO file: 18 AFRO file: 23 AFRO file: 25 AFRO file: 27 AFRO file: 28 AFRO file: 29 AFRO file: 30 AFRO file: 35				59-60 60 67 70-71 73 73 76 78 80 81 82														79		

GDIF FORM NO. 2

MADOC TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done, e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	LEASE	GRAVITY	
15	Syngenore Expl. Ltd. (Sager, Earl & Gordon)																			
	AFRO file: 63.2092	67											67							
	AFRO file: 63G.6		67																	
16	Stratmat Ltd.																			
	AFRO file: 10				53,55, 56															
	AFRO file: 11				55															
	AFRO file: 12				55															
	AFRO file: 63.605	55										55								
	AFRO file: 63A.300	56																	56	
17	Texas Gulf Sulphur Co. Inc.																			
	AFRO file: 17				69															
18	Young, C. R.																			
	AFRO file: 34				82															

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Cumming, James D.	1	1963	360	-30	7	104	dol	
2	" "	2	1963	360	-30	4	101	dol	
3	Extender Minerals Ltd.	80-1	1980	025	-40	13	114	hem	Au,Ag
4	Freeport Cdn. Expl. Ltd	11	1973	076	-50	12	348	fl,mag,py,po,cp	
5	" "	13	1973	074	-45	7	563	py,sp,asp,po,mag,tour	
6	Hill, James Warren	"no data available,5 holes drilled"							
7	Houston Management Corp	81-1	1981	-	-45	6	150		
8	Lang, Bert W.	1	1956	010	-50	2	55	py,asp,jm	Au,Ag
9	" "	2	1956	350	-45	1	54	sp,po,cp	Au,Ag
10	" "	3	1956	017	-35	3	28	py,po,jm,asp	Au, Ag
11	" "	4	1956	020	-25	1	26	po,py,sp,asp,jm	
12	Lloyd, H. R.	1	1965	360	-45	0	201		
13	Marmoraton Mining Co.	BL-1	1971	360	-45	0	509	mag,py,calc	Fe
14	" "	BL-2	1971	350	-45	0	230	mag,py,calc	Fe
15	" "	BL-3	1971	350	-45	0	209	mag,py,calc	Fe
16	" "	BL-4	1971	210	-45	0	226	mag,py,calc	Fe
17	" "	BL-5	1971	170	-45	2	205	mag,py,calc	Fe
18	" "	BL-6	1971	360	-45	0	291	mag,py,calc	Fe
19	Mono Gold Mines Inc.	109	1981	235	-45	12	243	po,cp,py	
20	" "	104	1981	085	-45	11	103	py,cp	
21	Owen, Anthony	1-53	1953	260	-32	13	125	ls	
22	Sager, Albert	83-1	1983	-	-45	11	258	py,asp,calc	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
23	Sager, Earl	D-4	-	045	-45	5	80	py,mag	
24	" "	D-5	1959	080	-60	15	125	po,cp	
25	" "	D-6	-	090	-45	30	215	po,py	
26	" "	S-5	1967	318	-45	20	259	py,po,calc	
27	" "	1	1970	360	-45	8	150	py	
28	" "	H-170	1970	360	-45	0	75	po,cp	
29	" "	H-271	1971	-	-45	0	270	po,py	
30	" "	12	1973	344	-45	14	388	py,po,cp	
31	" "	5	1973	074	-45	18	377	po,py	Cu,Zn,Ag,Au
32	" "	L1	1960	090	-45	0	80	py	
33	" "	L2	1960	090	-45	0	140	py	
34	" "	1	1976	255	-45	8	106	py	
35	" "	2	1976	075	-45	12	135	py,calc	
36	" "	3	1976	270	-45	8	62	py,calc	
37	" "	5	-	-	-	37	106	py	
38	" "	78-6	1978	270	-45	13	310	py,po,mag,cp	
39	" "	80-1	1980	270	-45	1	187	po	
40	" "	81-1	1981	270	-45	8	348	py,po,calc, hem	
41	" "	82-1	1982	270	-45	1	261	py,calc	
42	" "	82-2	1982	270	-45	2	242	po,py	
43	Stratmat Limited	SM-1	-	090	-35	11	340	sid,mag	
44	" "	SM-2	1953	-	-90	4	670	sid,mag,py	Au
45	" "	SM-3	1953	-	-35	12	340	sid,mag,py	Fe,Au
46	" "	SM-4	1953	-	-35	11	215	py,mag,sid	
47	" "	SM-5	-	270	-35	4	225	mag,sid	Fe
48	" "	SM-6	1953	-	-45	4	229	py	Au
49	" "	SM-11	1955	-	-	5	147	po,py,mag	

(continued)

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
	(continued)								
50	" "	SM-12	-	090	-62	7	362	mag,po,sid	
51	" "	SM-13	1956	270	-45	6	146	mag,py	
52	" "	SM-14	--	090	-45	3	131	mag,py,po	
53	" "	SM-15	1955	-	-90	9	847	mag,py	
54	" "	SM-16	-	090	-64	8	501	mag,py	
55	" "	SM-17	-	090	-60	7	501	mag,py,sid,po	
56	" "	SM-20	-	090	-45	10	449	mag,py,sid	
57	" "	SM-21	-	090	-45	16	564	mag,sid,py,po	
58	" "	SM-22	-	-	-90	6	460	mag,cp,py,sid	
59	" "	SM-7B	1955	-	-90	16	102	py,hem	
60	" "	SM-8	1955	-	-90	5	149	py	
61	" "	SM-9	1955	-	-90	15	139	py,hem	
62	" "	SM-10B	1955	-	-90	20	149	hem,cp,py	
63	" "	M-5	1955	360	-45	6	1149	py,hem,mag	
64	Texas Gulf Sulphur Co.	M-3	1969	250	-40	9	293	py	
65	Young, C. R.	1	1982	090	-45	9	220	talc,mgst,py	
66	" "	2	1982	090	-45	0	182	talc,mgst	

GDIF FORM NO. 3

MADOC TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
	Geological Survey of Canada (Map 14G) Bannockburn	Magnetic	1000'	N-S	~ ¼ mile
	Geological Survey of Canada (Map 95G) Kaladar	Magnetic	1000'	N-S	~ ¼ mile
	Geological Survey of Canada 31C/11e (1976)	Magnetic	150 m	E-W	300 m
	Geological Survey of Canada 31C/12g (1976)	Magnetic	150 m	E-W	300 m
	Geological Survey of Canada 31C/12h (1976)	Magnetic	150 m	E-W	300 m

GDIF FORM NO. 4

MADOC TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kemptville, Ontario

GDIF FORM NO. 7

MADOC TOWNSHIP

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Actinolite, associated with iron	II		37
	Barite	IX		195
	Bismuthinite	VI		209
	Chalcodite	IX		196
	Cobalt ores			
	-erythrite	VI		214
		IX		198
		XIV	ii	60
		XV	i	11
		XVI	ii	157
		XIX	ii	211
	-smaltite	VI		214
		IX		209
		XXII	ii	108
	Copper Ores			
	-chalcopyrite	IX		196
		XVI	i	161
		XVIII	i	135
	-malachite	IX		202
	-mining, Eldorado Copper Mine			
	Hematite	XXII	ii	107-109
	Idle 1907	XVII		84
	Plant of, photos	XVI	i	77
	Pyrite	XVI	i	182
	Work at, 1906	XVI	i	15-16
	-tetrahedrite	IV		38
		IX		210
	Fluorspar	XX	i	45,110
		XXII	ii	105
		XXV	ii	38
		XXV	i	130
	-boring for	XVIII	i	50,51
	-mining	XXIII	i	179
	Franklinite	IX		198
	Galena	XVIII	i	135
	Gold	R.C.		110,115
		II		191
		IX		199
		Bull(1)		3
	-discovery	R.C.		27,28
		II		223
		IV		35,38
	-in Huronian	R.C.		66
	-mining, early	III		54
	-notes	R.C.		106,111
	-speculation	II		185
	losses	II		97

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	(continued)			
	-Bannockburn Gold & Pyrite Mine			
	Accident	XVI	i	33,35
	Limonite	XVII		204
	Mining class at	XV	i	42
	Notes on (1895)	V		264-265
	(1898)	VII		89-90
	by Hopkins	XXV	i	192,194, 195
	by Miller	XI		199
	Origin of Deposits	XVI	i	182
	Production (1901)	XVI	i	201
	Shaft of, direction	XVI	i	187
	-Richardson Gold Mine			
	Discovery	R.C.		27,28
		IV		35
		XI		199
	History of	III		53-55
	Idle (1894)	IV		236
	Notes, by Merritt	R.C.		106
	by Stewart	R.C.		110
	by Vennor	IV		39
	Ore Character	IV		38
	-Sophia Gold Mine			
	Arsenical ores	VIII		288
		XI		102
	Closed down (1901)	XI		236
		XXII	ii	111
	Purchased by Madoc Mining Co.	XVII		83
	Reopened (1907)	XVII		10
	Worked at (1897)	VII		92,93
	(1898)	VIII		41
	(1900)	X		117
		XXII	ii	111
	(1901)	XI		200
	Iron Ores	R.C.		133
		II		31,36-40
	-exhibited, in Chicago	II		80,82
	in London	II		33
	-hematite	VIII		288
		IX		199
		XII		115
		XXII	ii	107
	-loadstone	II		82
		IX		201
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	-Pyrites - mining (continued)	XVIII	i	136
		XXV	i	128
		XVI	i	160,161
	notes by Hopkins	XXV	i	194,196-198
	American Madoc Mg. Company	XV	i	29
	accidents to employees	XVI	i	33,35
	capital and date of charter	XIV	i	25
		XV	i	26
	operating (1904)	XIV	i	19
	(1905)	XV	i	20
	(1906)	XVI	i	21
	Bannockburn Mine	XVI	i	154
	Bannockburn, see Bannockburn Gold & Pyrite			
	Canadian Sulfur Ore Company	XX	i	84
	accident at mine of	XXIII	i	84
	capital and date of charter	XX	i	49
	diamond drilling by	XXII	ii	97,99
	history of	XXII	ii	97
	notes by Hopkins	XXV	i	194,196, 197
	officers of	XXV	i	128
	operating	XIX	i	33
		XX	i	33
		XXII	i	40
		XXIII	i	31
		XXIV	i	43
		XXV	i	34,197
	plant of, photos	XXII	ii	95,96& 99
	property of, description	XXII	ii	97-100
		XXV	i	96-97
	geology	XXII	ii	90-100, 102
	plan	XXII	ii	98
	workings, section	XXII	ii	95
	Pyrites of, brecciation	XXII	ii	99
	discovery	XXII	ii	97
	notes	XXII	ii	89
	purity	XXII	ii	99
	size of deposit	XXII	ii	98
	Sulfur ore in	XXII	ii	98
	wall-rock replaced by (continued)	XXII	ii	103

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Canadian Sulfur Ore Company (continued)			
	work by	XIX	i	160
		XX	i	109
		XXII	i	136
		XXIII	i	174
		XXIV	i	156
		XXV	i	128
	Jarman Mine			
	bog-iron ore, changed to iron pyrite	XV	i	42
		XVI	i	79
	Idle (1906)	XV	i	39,42
	mining class	XI		295
	work at (1901)	XII		139
	(1902)	XIII	i	95
	(1903)	XIV	i	78
	(1904)	XV	i	94
	(1905)			
	Queensboro Iron Pyrite Mine	XXII	ii	94
	gossan, photo	XXV	i	192,194 &197
	notes by Hopkins	XXII	ii	95-100
	photos and plans	XXII	ii	99
	plant, description	XXV	i	128
		XXV	i	34
	producing (1915)	XXII	ii	98
	pyrite, quality	XXII	ii	103
	rocks, quartzite	XXII	ii	102
	section showing	XVI	i	161
	Work at (1906)	XVIII	i	136
	(1908)	XX	i	109
	(1910)	XXI	i	160
	(1911)	XXII	i	136
	(1912)	XXIII	i	174
	(1913)	XXIV	i	156
	(1914)	XXV	i	128
	(1915)	IX		207
	Pyrrhotite	XVI	i	200
		XXII	ii	99
	Smelting	II		22,37
		XVII		193
		XXII	ii	59,108
	Jamesonite	XVI	i	161
	Kaolinite	IX		200
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Limestone			
	-analysis	XIII	ii	61,62
		XXII	ii	63
	-character	R.C.		81
		XXII	ii	62
	-marble	IX		195
	Quarrying	R.C.		75,80, &81
		XIII	ii	63
	Lithographic Stone	R.C.		41,80
	-quarried	R.C.		53
	Map, geologically coloured, facing	XXII	ii	59
	Meteorite, notes	IX		203
	Minerals, list	II		194
	-notes by Miller	XI		199
	Quartz crystals	IX		208
	Rocks, basic dikes	XXII	ii	70
	-granite and greenstone	V		15
	-Huronian	XVIII	i	135
	-limestone (see above)	R.C.		66
	-notes by Miller	XXII	ii	59-76
	-shale for roofing	R.C.		79,87
	Rutile	IX		208
	Section, geologically coloured, on map facing	XXII	ii	59
	Smaltite (see Dominion Iron Mine)			
	-chert and hornblende in	XI		141
	-cobalt bloom	IX		198
		XIV	ii	60
		XVI	ii	157
		XIX	ii	211
		XXII	ii	108
	-smaltite	IX		209
		XXII	ii	108
	Stilpnomelane	IX		210
	-chalcodite	IX		196
	Talc (see Madoc)			
	-Talc near	IX		210
	mill, building	XVII		94
	capacity	XVIII	i	139
	operating (1908)	XVIII	i	38
	(1909)	XIX	i	38
	(1912)	XXII	i	49,137
	(1913)	XXIII	i	175
	(1914)	XXIV	i	161
	(1915)	XXV	i	129,130
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Talc (continued)			
	-photo	XVIII	i	137
	-power for	XIX	i	148
	Talc mining near	X		24
		XI		205
		XIII	i	92
		XXII	i	127
		XXV	i	129, 130
	Eldorite Limited			
	producing (1915)	XXV	i	41
	Talc mining, Eldorado	XXIV	i	50,161
	-production (1906)	XXV	i	129
	(1909)	XVI	i	26
		XIX	i	38
	Tourmaline	IX		211
	-indicolite	IX		200
	Turgite	IX		211
	Uraconite	II		194
		VII		232, 233
		IX		211
		XXIII	i	44
	Uranite	II		37
	Wad	IX		211
	Zinc	XVIII	i	135
	Madoc Mines Company			
	Goudreau Iron Mine, leased to	XXIII	i	113, 124
		XXIV	i	107, 211
	Iron Pyrites mining	XXV	i	34
	Sophia Gold Mine, bought by	XVII		83
2	Fluorite mining			
	-effect of war on	XXVII	1	1,6,47
		XXVIII	1	6,7
	-mill, photo	XXVIII	1	92
	-claims, map showing	XXVII	1	137
	-notes	XXVII	1	136, 138
		XXVIII	1	156
	-production (1924)	XXXIV	1	26
	-vein, width and quality	XXVI		133
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
2	Fluorite mining (continued)			
	Canadian Fluorite Limited.			
	capital and date of charter	XXVIII	1	84
	Kane claim operated by	XXVII	1	136
	Mining in Madoc Township	XXVIII	1	50
		XXIX	1	39
	Canadian Industrial Minerals Limited			
	-fluorspar mill, Madoc, photo	XXVIII	1	92
	-mining, Huntingdon and Madoc Townships			
	(1917)	XXVII	1	136, 137
	(1918)	XXVIII	1	50,141, 157
	(1919)	XXIX	1	39,115
	(1920)	XXX	1	24,131
	Herrington and Herrington			
	-Fluorspar mining, Madoc Township	XXXI	1	22
	Mineral Products Company			
	-Fluorspar mining, Madoc Township			
	(1917)	XXVII	1	48,138
	(1918)	XXVIII	1	50
	(1922)	XXXII	1	23
	(1923)	XXXIII	7	7,90
	Noyes Fuorspar Mine			
	acquired by Mining Corp. of Canada	XXVIII	1	141
	operations (1917)	XXVII	1	136
	(1918)	XXVIII	1	157
	(1919)	XXIX	1	115
	(1920)	XXX	1	131
	O'Reilly, Co.			
	-Fluorspar mining, Madoc	XXVII	1	48
		XXVIII	1	50
	Ross, C. R.			
	of Mineral Products, Limited	XXVI		138
	Operations Fluorspar	XXVI		44
	Wallbridge, Mrs. Jane			
	Fluorspar mining, Madoc	XXVII	1	48
		XXVIII	1	50
		XXIX	1	39
	Wallbridge Fluorite Mine			
	Operations (1917)	XXVII	1	138
	(1918)	XXVIII	1	157
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
2	Fluorite Mining (continued)			
	Wellington and Munro			
	Fluorspar operators, Huntingdon and Madoc Townships			
	(1916)	XXVI		26,44
	(1917)	XXVII	1	48,136
	(1918)	XXVIII	1	50
	Gold (see Richardson Gold Mine)			
	Discovery	XXX	2	13
	historical notes	XXX	2	1,3
	Gravel and Sand pits	XXVII	2	54
	Iron mines and mining	I.O.		222
	(see also Wallbridge Iron Mine)			
	-hematite mined in (1900)	I.O.		222
	-operations (1918)	XXVIII	1	155
	Elora White Lime Company			
	Operations (1917)	XXVII	1	146
	(1918)	XXVIII	1	167
	(1920)	XXX	1	144
	Pyrite mining, notes	XXVII	1	132,133
		XXIX	1	121
	Talc Mining, Notes	XXVII	1	135
		XXVIII	1	155,156
		XXIX	1	124-126
	and photos from plant	XXXIV	1	35
	production (1924)			
	-Eldorite Limited			
	Mining talc, Eldorado	XXVI		54
		XXVII	1	67
	operations	XXVI		137
	Succeeded by Eldorado Mining and Milling Company	XXVIII	1	156
	-Eldorado Mining and Milling Company			
	Mining Talc, Eldorado	XXIX	1	48
		XXX	1	29
	-Gillespie and Company, George H.			
	Talc milling and Madoc			
	(1916)	XXVI		137
	(1917)	XXVII	1	135
	(1918)	XXVIII	1	155
	(1919)	XXIX	1	126
	(1920)	XXX	1	136
	(1921)	XXXI	1	15,66
	(1922)	XXXII	6	89
	(1923)	XXXIII	7	96
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
2	Talc Mining Notes (continued)			
	Talc mining, Madoc	XXVI		54
		XXVII	1	67
		XXVIII	1	81
		XXIX	1	48
		XXXI	1	29
		XXXII	1	30
		XXXIII	1	27
		XXXIV	1	35,167
		XXXV	1	44,77 & 167
3	Madoc			
	Limestone and Marble Quarries	39	6	53
		44	1	66
		45	1	72
		38	1	32
		38	1	32
	Mica	39	6	57-59
	Talc deposits near	39	6	58
	mill, photo	46	1	236
	-George H. Gillespie Company			
	Madoc Township			
	Gold mining			
	(see) Richardson Gold Mine	45	1	12-13
	Historical notes			
	(see) Sophia Gold Mine	49	1	13
	Production (1900)	39	6	50
	Limestone Quarries	47	1	75
		49	1	66
		39	6	37,38
	Pyrite Mining			
	Slate			
	(see) Canadian Slate Products	46	1	85
	Quarry, Madoc Township			
	(see) Ontario Slate Mines	44	1	40,65
	Quarry, Madoc Township	45	1	49
4	Madoc			
	Granite Quarry	53	1	62
		56	1	58
		53	1	63
	Limestone Quarry	56	1	59
	Fluorspar Mining			
	Bailey Fluorspar Mine			
	(continued)			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
4	Bailey Fluorspar Mine (continued)			
	Operations (1944)	54	2	5
	(1945)	55	2	4
	(1946)	56	2	3
	(1947)	57	2	3,4
	(1948)	58	2	4
	(1949)	59	2	3
	Dominion Fluorspar			
	Operations (1941)	51	1	65,66
	(1943)	53	1	69
	Gold	52	3	30,32
	Old Diamond			
	Operations (1940)	50	1	96
	(1941)	51	1	160
	Production (1941)	51	1	16
		59	1	18
	Lead	52	3	4,55, 56
	Limestone, Analysis	52	3	22,58
	Marble Quarry	51	1	60
		52	1	64
	Pyrite	52	3	65,66
	Volcanic Rocks	52	3	6
5	Fluorspar			
	Millwood Fluorspar Mines -Operations	60	2	4
	Gold			
	Bannockburn -Production	64	1	26
	Old Diamond -Production	64	1	27
	Sophia -Production	64	1	27
7	Madoc Marble Quarry	IMR13	1	15
	Fluorite Occurrences	IMR12	1	26
	Fluorite crystal, photo	GC13	1	44
	Marble occurrences	IMR16	1	33-48
	Mineral occurrences	GC12	1	21
	Slate Deposits	IMR17	1	46

Author	Date	SELECTED REFERENCES Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
		GEOPHYSICAL MAPS		
G.S.C.	1949	Bannockburn, Map 14G		1" = 1 mile
G.S.C.	1949	Kaladar, Map 95G		1" = 1 mile
G.S.C.	1976	31C/11e		1:25,000
G.S.C.	1976	31C/12g		1:25,000
G.S.C.	1976	31C/12h		1:25,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
		MINERAL POTENTIAL MAPS		
		GEOCHEMICAL		

GDIF FORM NO. 9

SELECTED REFERENCES

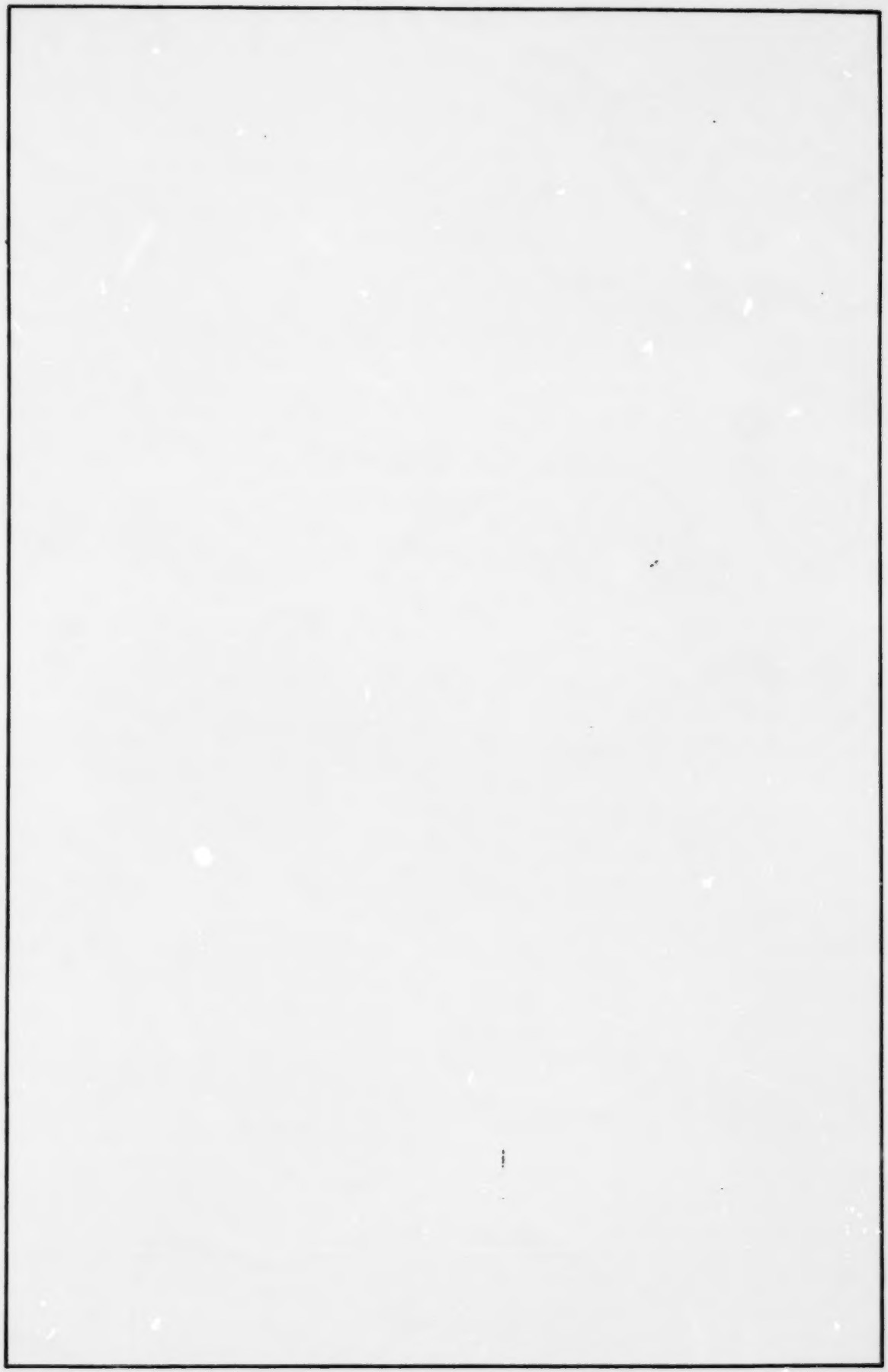
Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Carter	1980	Summary of Field Work	O.G.S.	
Hewitt	1968	Geology of Madoc Township and north part of Huntingdon Township and Map 2154	G.R.73	
Miller and Knight	1914	PC Geology of South Eastern Ontario O.B.M	Vol.22, PT. 2	
Wilson	1929	Pyrites in Canada	M.B.R.167	
Wilson	1929	Fluorspar Deposits in Canada	GSC Econ.Geol., Series 6	
O.G.S.	1943		AR Vol.52,PT.3	
G.S.C.	1936		Memoir 192	
O.D.M.	1967		O.F.R.5000	
		Mineral Deposit Circular		
	1979		MDC 18	
		Mineral Resources Circular		
	1967		MRC 5	
	1968		MRC 10	
	1968		MRC 11	
	1969		MRC 12	
		Industrial Mineral Report		
Guillet	1964	Fluorspar in Ontario	IMR 12	
	1964		IMR 13	
	1964		IMR 18,Pt.3	
	1969		IMR 28	
	1972		IMR 40	
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		

NOTES AND ADDENDA

Aerial Photographs Index

Scale 1" = ¼ mile

Year	Roll Number	Flight Line	Photo Numbers
1978	137	4434	89- 91
1978	136	4435	120-129
1978	127	4436	150-166
1978	124/187	4437	131-137/183-194
1978	126	4438	99-115
1978	132	4439	73-150
1978	191	4440	91-106
1978	141	4441	55- 71
1978	142	4442	63- 81
1978	20/187	4443	434-451/217-219
1978	20	4444	210-223
1978	106	4445	48-139
1978	119	4446	39- 50
1978	130	4447	46- 52



MADOC TOWNSHIP

POOR

QUALITY

ORIGINAL

I II III IV V VI VII VIII IX X I

32 31 30 29 28 27 26 25 24 23 22 21 20

1 A B 32 32 12 31 30 29 28 27 26 25 24 23 22 21 20

10 10 6 17 16 16 8, 16 16

44°40'30"

77°30'

Jordan River

Maple Creek

Baldwin Hurst

4 Lines

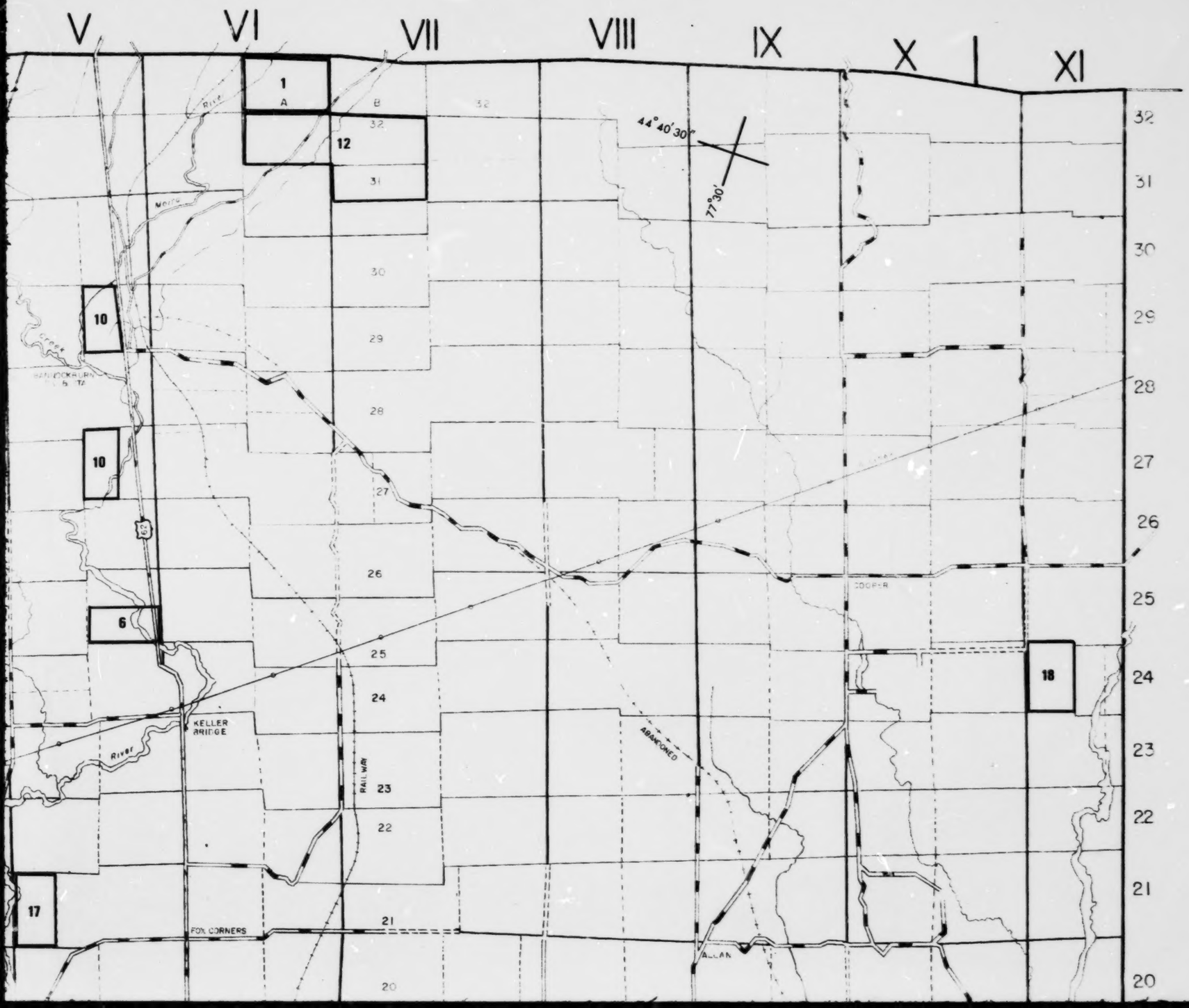
KELLER BRIDGE

FOX CORNERS

RAILWAY ABANDONED

COOPER

ALLAN



Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 2 .)

to accompany GEOLOGICAL DATA

INVENTORY FOLIO 90

MADOC TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

KELLER BRIDGE

River

RAILWAY

ABANDONED

FOX CORNERS

ALLAN

RIVINGTON

RAILWAY

CANADIAN

NATIONAL

Eldorado Lake

Hazelo Lake

HAZLETT CORNERS

17

14

3

16

4

4.14

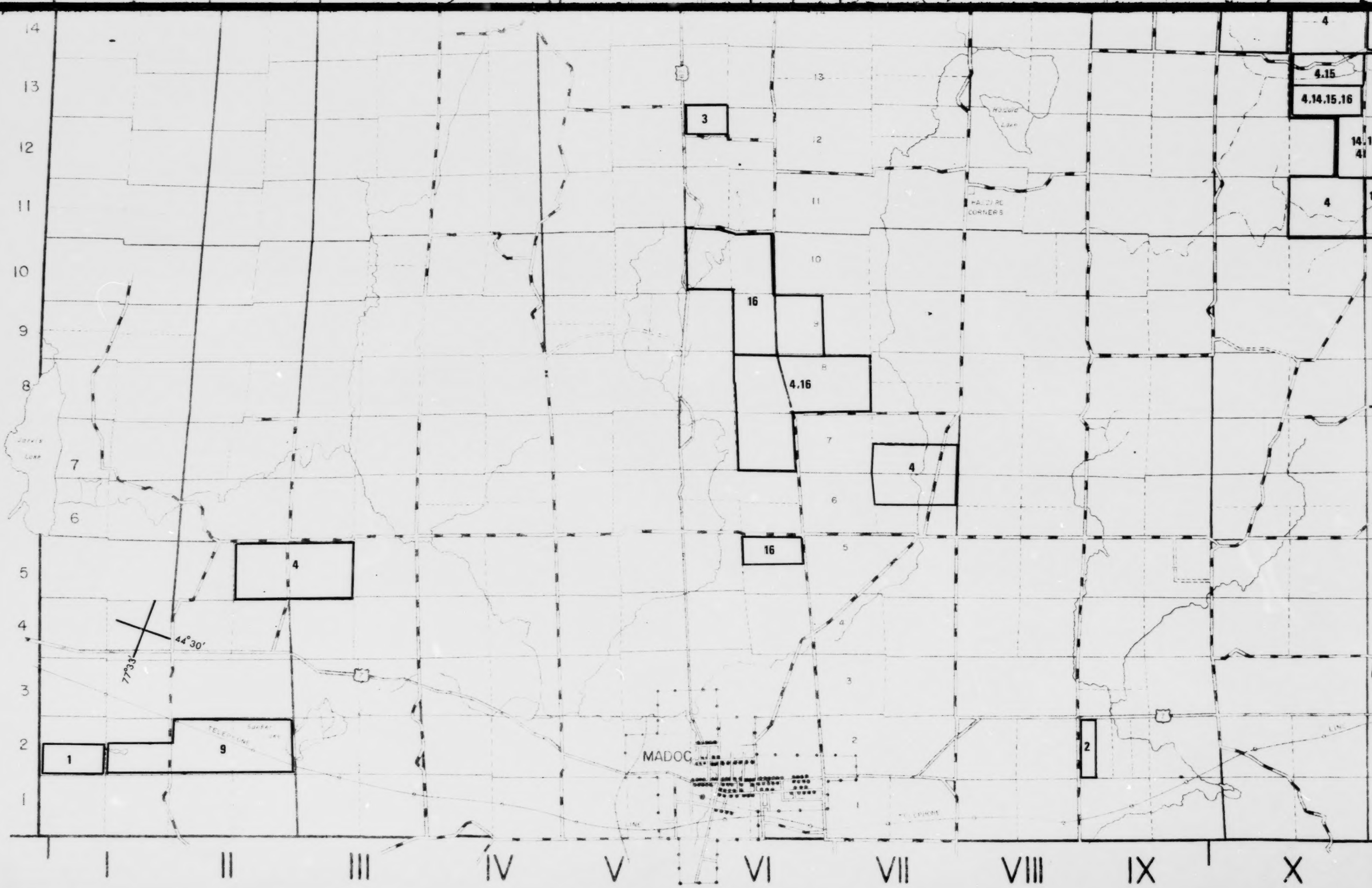
4.15

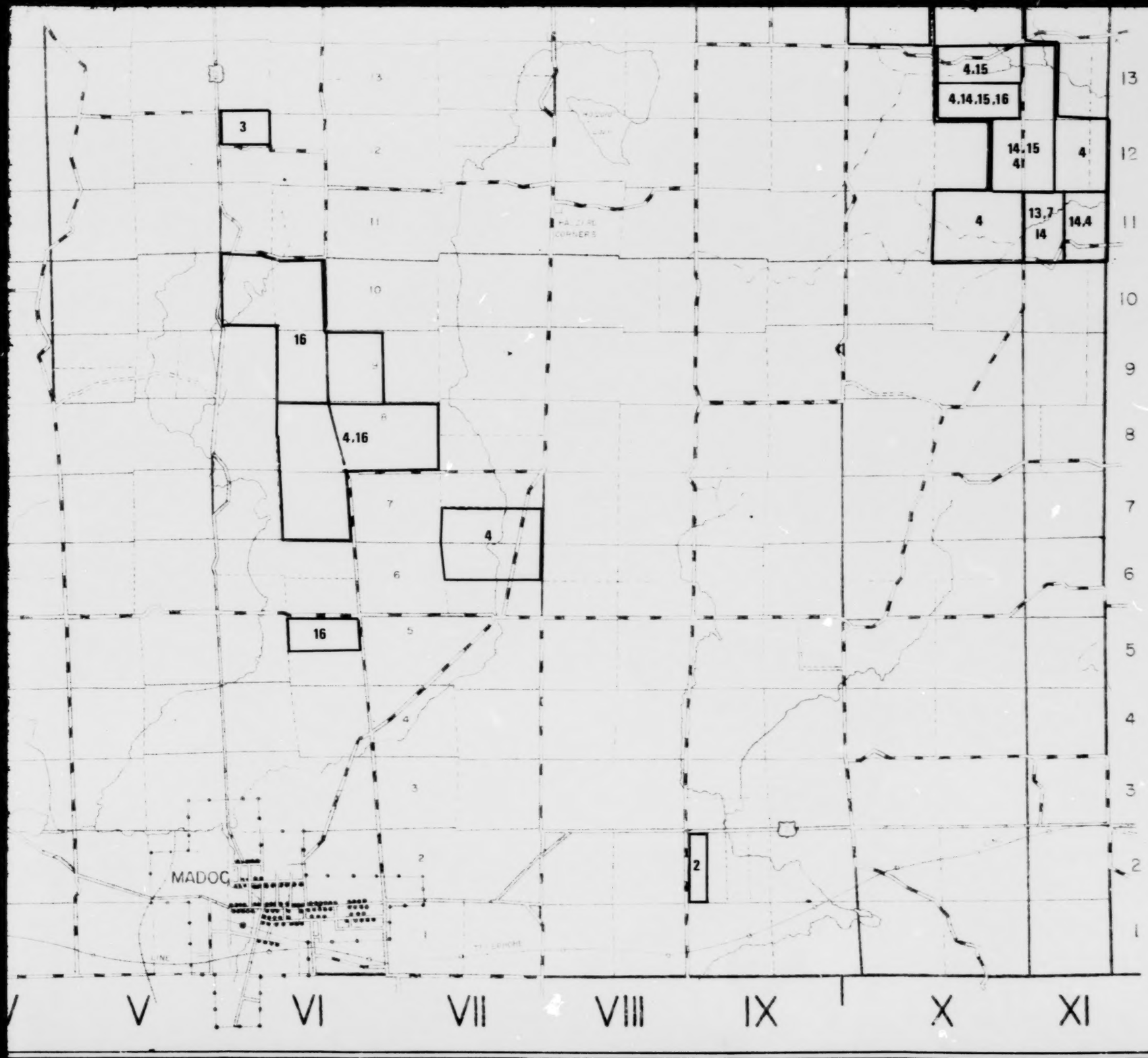
4.14.15.16

EXPLORATION DATA FILE AREAS

- ☒ 6/①/⑧ — Reference number is always inside work area outlined. See listing in text pages
- ☐ x ④ — Small area of exploration data.
- ☐ —

KELLER BRIDGE
River
RAILWAY
ABANDONED
FOX CORNERS
ALLAN
RISMINGTON
RAILWAY
NATIONAL
ELDORADO P.C.
Eldorado Lake
Halford Lake
HALFORD CORNERS
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
6
18
17
14
3
4
4,14
4
4,15
4,14,15,16
14,15 4
4
4
13,7 14
14,4
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10


14
13
12
11
10
9
8
7
6
5
4
3
2
1
I
II
III
IV
V
VI
VII
VIII
IX
X
3
16
4.16
4
16
4
4.15
4.14.15.16
4
4
1
9
2
44°30'
77°33'
MADOC


4.15
4.14.15.16
3
14.15
41
4
4
13.7
14
14.4
16
4.16
4
16
2
MADOG
13
12
11
10
9
8
7
6
5
4
3
2
1
V
VI
VII
VIII
IX
X
XI

I II III IV V VI VII VIII IX X XI

32 31 30 29 28 27 26 25 24 23 22 21 20

gn,sp,ba
calc.cal, anglesite
A

Cc Au

Cd Cu,Pb
19

Au,py,mc,
hb.del
C
20

Bp gn,sp,py

12
63

Au

D py, mag, halotrichtite
copiapite, coquimbite

7

Tz mb

Ae mb

64

Ca mb

N talc.gf

Ts mb

Be mb

Ca mb

Af mb

S mb

Bd mb

T7

Bz

B 32 31 30 29 28 27 26 25 24 23 22 21 20

44°40'30"

77°30'

4 Lines

KELLER BRIDGE

River

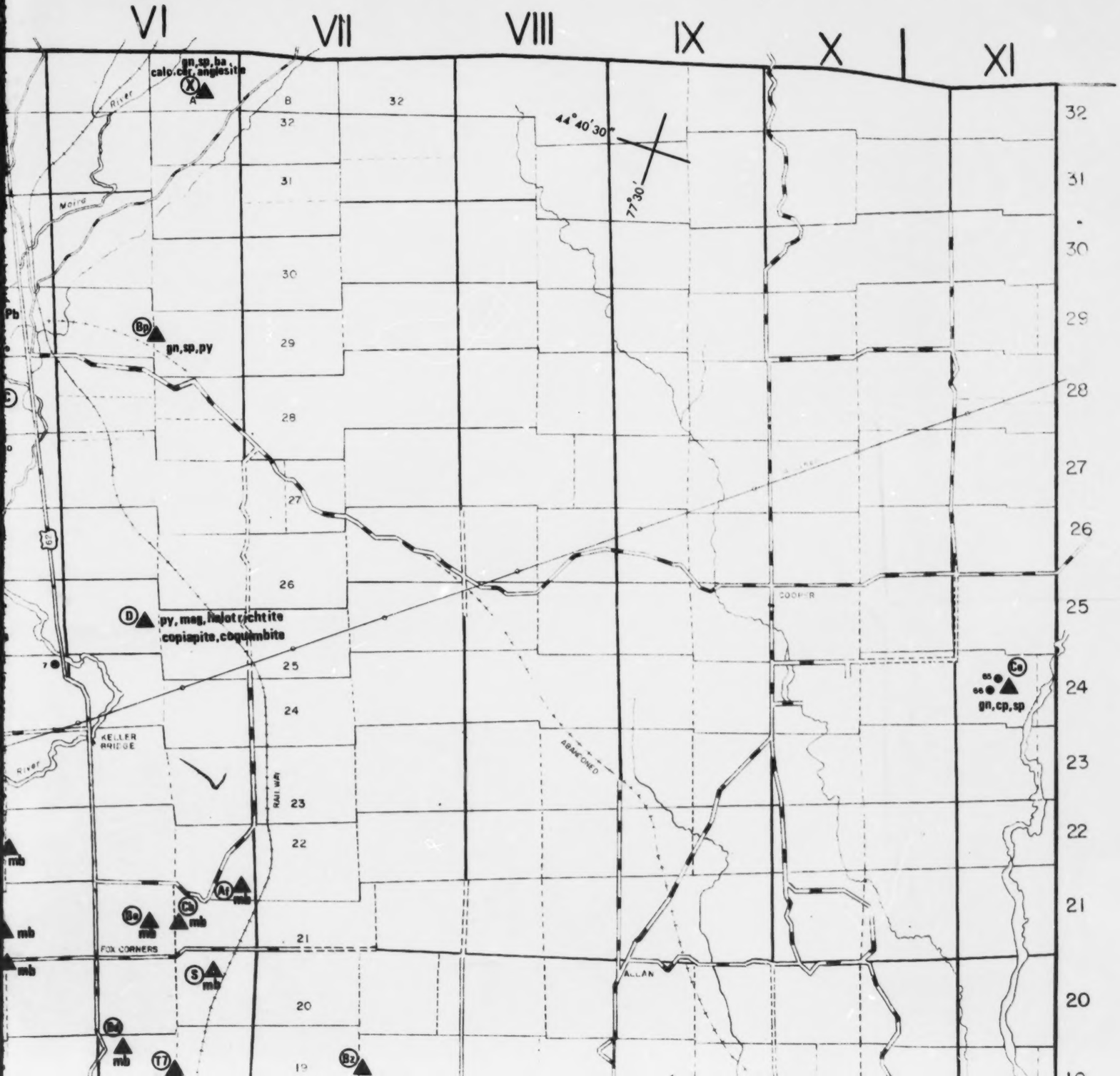
RAIL WAY

ABANDONED

FOX CORNERS

COOPER

ALLAN



Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

Map to Accompany GEOLOGICAL DATA

INVENTORY FOLIO 90

MADOC TOWNSHIP

HASTINGS COUNTY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

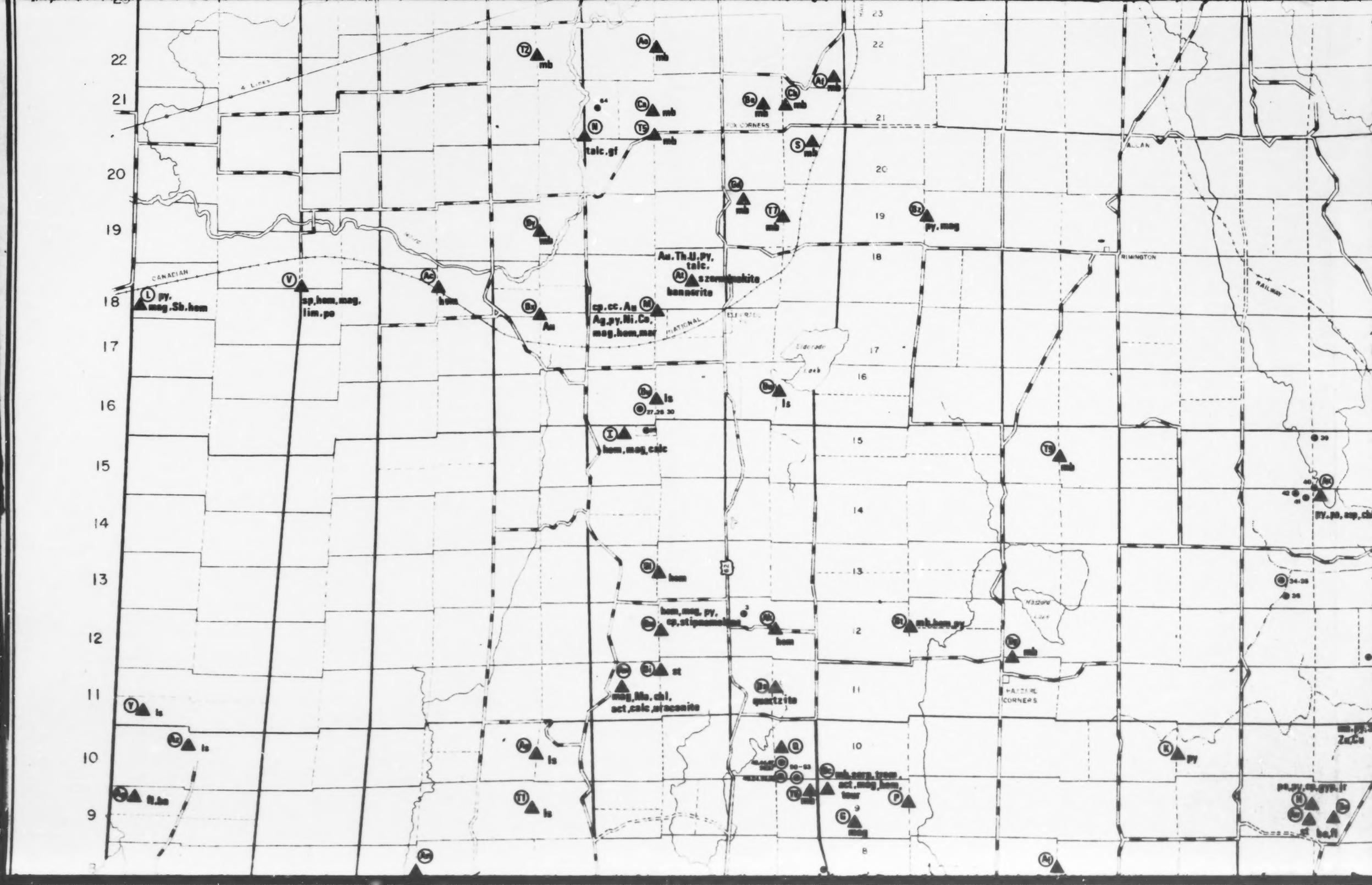
TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

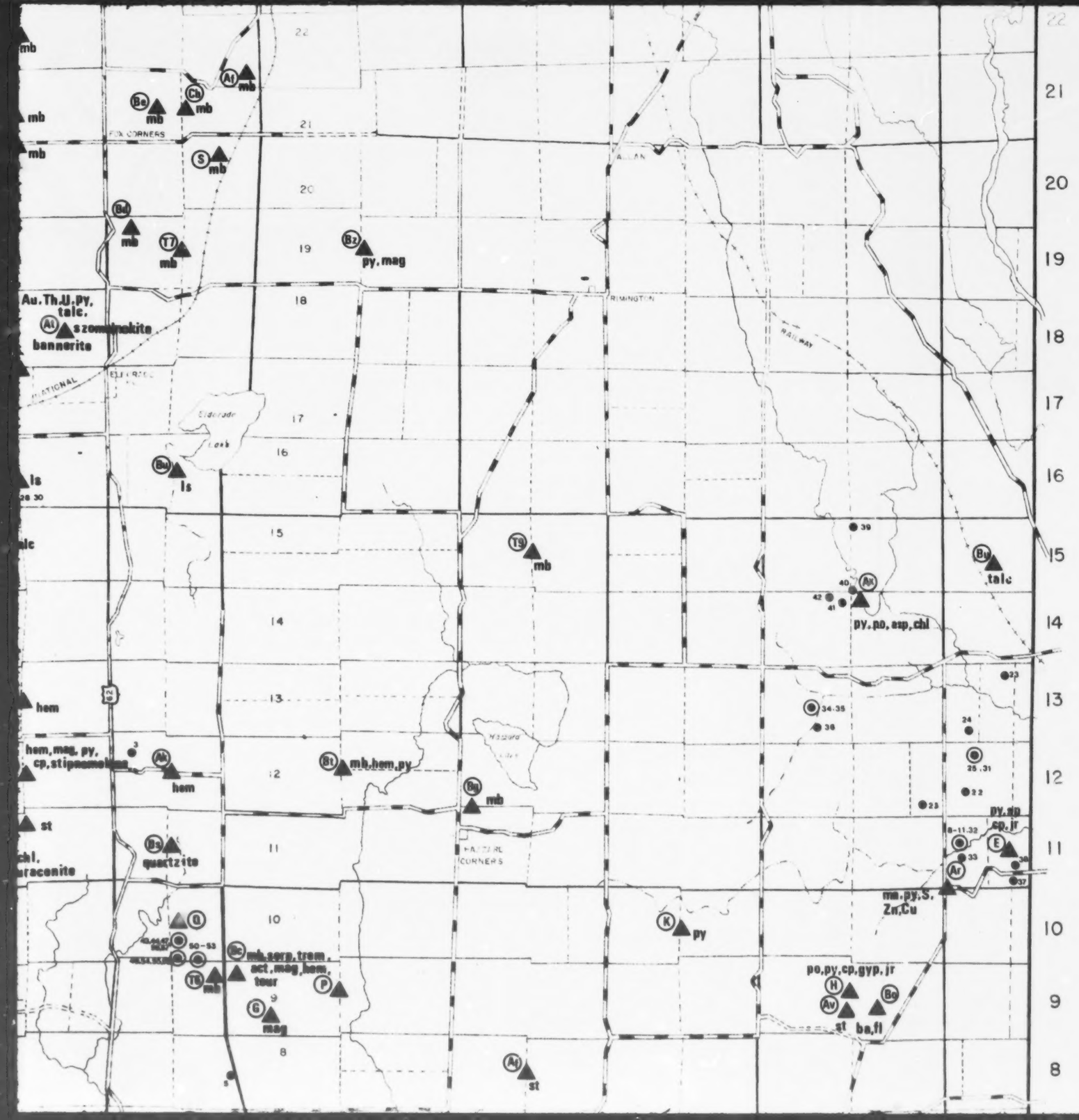
MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.


CANADIAN
4 Lines
talc.gf
Au.Th.U.py, talc, szomolnokite bannerite
cp.cc.Au Ag.py.Ni.Co, mag.hem.mar
py, mag.Sb.hem
sp.hem.mag, lim.po
hem
Au
Is
hem, mag, calc
hem
hem, mag, py, cp.stibnite
mag.lim.chl, act.calc.siderite
quartzite
mb.carb.iron, act.mag.hem, tour
mag
mb.hem.py
py
RIMINGTON
ALLAN
RAILWAY
FOX CORNERS
HAZEL CORNERS
Elderado Lake
py.mag
py.po.cp.sph
Zn.Cu
py.cp.sph.ir
bo.ti



Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly
- Audio-frequency magnetometer anomaly

13
12
11
10
9
8
7
6
5
4
3
2
1

I
II
III
IV
V
VI
VII
VIII
IX
X

Bl hem
hem, mag, py, cp, stipnomelane
Be
Ak hem
Bi mb, hem, py
Bm mb
Bi st
Be mag, Mo, chl, act, calc, straconite
Bs quartzite
Y ls
Az ls
Ae ls
Ae fl, ba
Tl ls
Q
Bc mb, serp, trem, act, mag, hem, tour
Tk mb
P
G mag
K py
mb, py, S, Zn, Cu
H
Bw
Bc
st
ba, fl
Ae st. granite
Aq st
F hem
Aj py, hem
Br ls
W Ag, sp
Ae fl
As fl, calc, ba
Aj fl, calc
Ae fl, calc
44°30'
77°30'
Ak fl, ba
fl, ba, calc
Z
Bc fl, ba, calc
Ai ba
fl, ba, Cu
Bj
fl, calc, ba, felsite
Bw
Ac calc, fl
B mag, py, Co, ary, ag, sag, mar, sm
fl, ba, calc, td, mar
A
fl, calc, ba
U
R Au
mb
Au, Ag, mb, st (granite)
D
Bn sl
Ba wad
Tm mb
T3 mb
Ae sl
Ay chl mar, py, hem, mag,
Bn mb
Ae chl, act, tremolite, calc, urticonite
MADOC
T8 mb
1.2
TY mb

hem

hem, mag, py, cp, stipnomelane

hem

mb, hem, py

mb

st

p, chl, c, uraconite

quartzite

py

ma, py, S, Zn, Cu

mb, serp, trem, act, mag, hem, tour

mb

mag

po, py, cp, gyp, jr

st

ba, fl

st

hem

py, hem

Is

sl

chl mar, py, hem, mag,

mb

mb

mb

chl, act, hbl, bio, calc, uraconite

MADOC

mb

mb

Au

Au, Ag, mb

Ag, sp

13

12

11

10

9

8

7

6

5

4

3

2

1

V

VI

VII

VIII

IX

X

XI

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- Ground Radiometric Anomaly
- Induced Polarization Anomaly
- Self Potential Anomaly
- Audio-frequency magnetometer anomaly
  (total intensity)
- Resistivity Anomaly
- Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.